

Technical Data Sheet

Stainless Steel Fibre - 304

Stainless Steel Fibres reinforce concrete and refractories against thermal and mechanical shock and also against chemical reaction by reducing cracking, corrosive and spalling susceptibility. The fibres can be used in concrete and refractory operating conditions of :

- Moderate thermal cycling
- Continuous fibre soaking temperature up to 1100°C in the refractory
- Moderate mechanical shock
- High temperature corrosive atmospheres (sulphidation, chlorination etc.)
- Chemical corrosion in concrete

Product Specification

Base Material : Stainless Steel Wire
 Grade of Steel : AISI 304
 Fibre Type : Straight, Corrugated, Hooked-end
 Length (mm) : 6-60
 (other lengths available on request)
 Diameter (mm) : 0.30 - 0.60
 Chemical Composition (%) :

%C. Max.	%Mn. Max.	%Si. Max.	%S. Max.	%P. Max.	%Ni.	%Cr.
0.08	2.000	1.000	0.030	0.045	8-10	18-20

UTS N/mm² : 700 - 1800 (As per customer requirement)
 Surface : Bright / Matt

Suitable for : All mixers, including high-intensity, Turbo, conventional and low-intensity Mixers and also suitable for sprayed concrete.

FIBREZONE

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